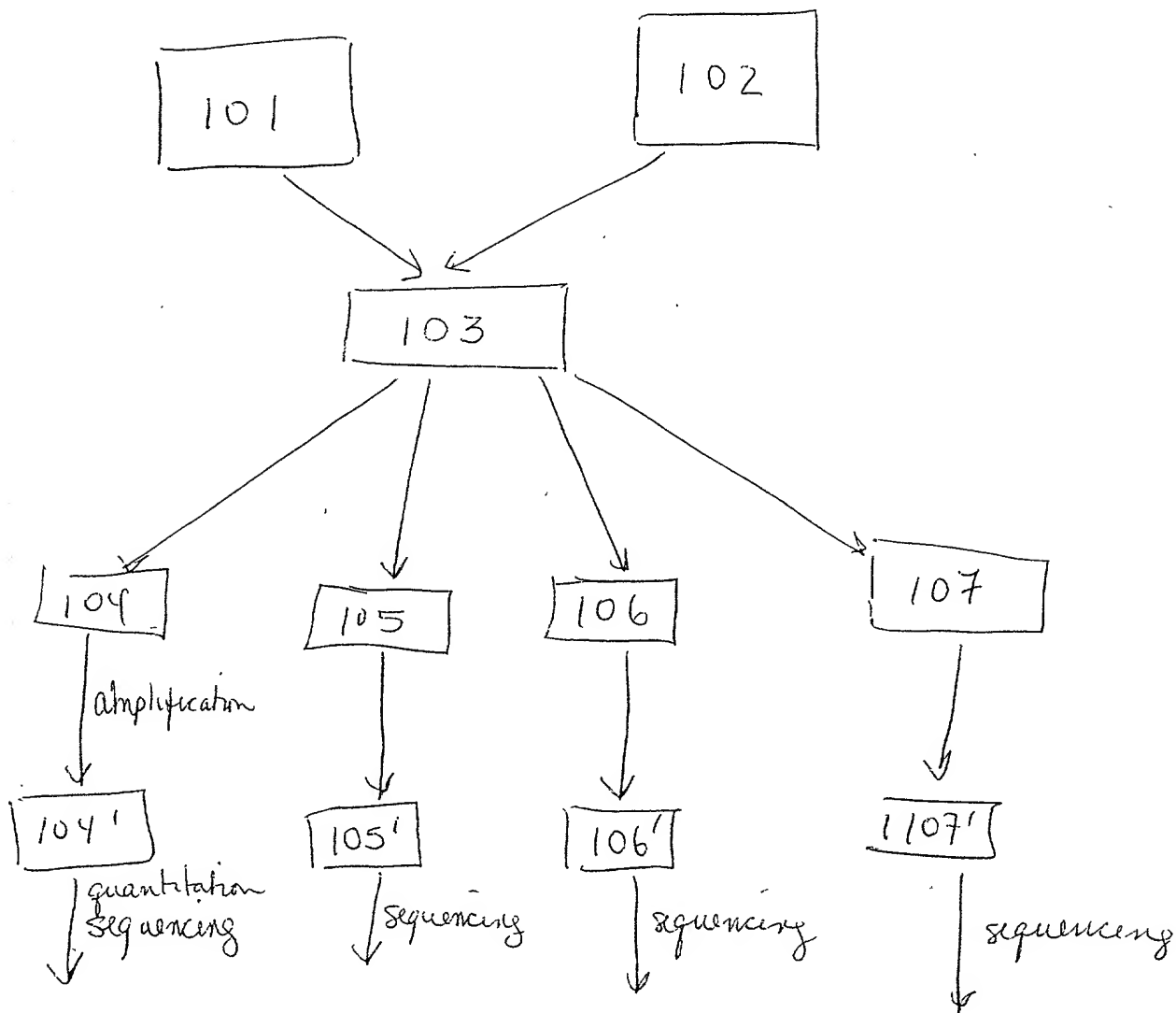


Fig 1.



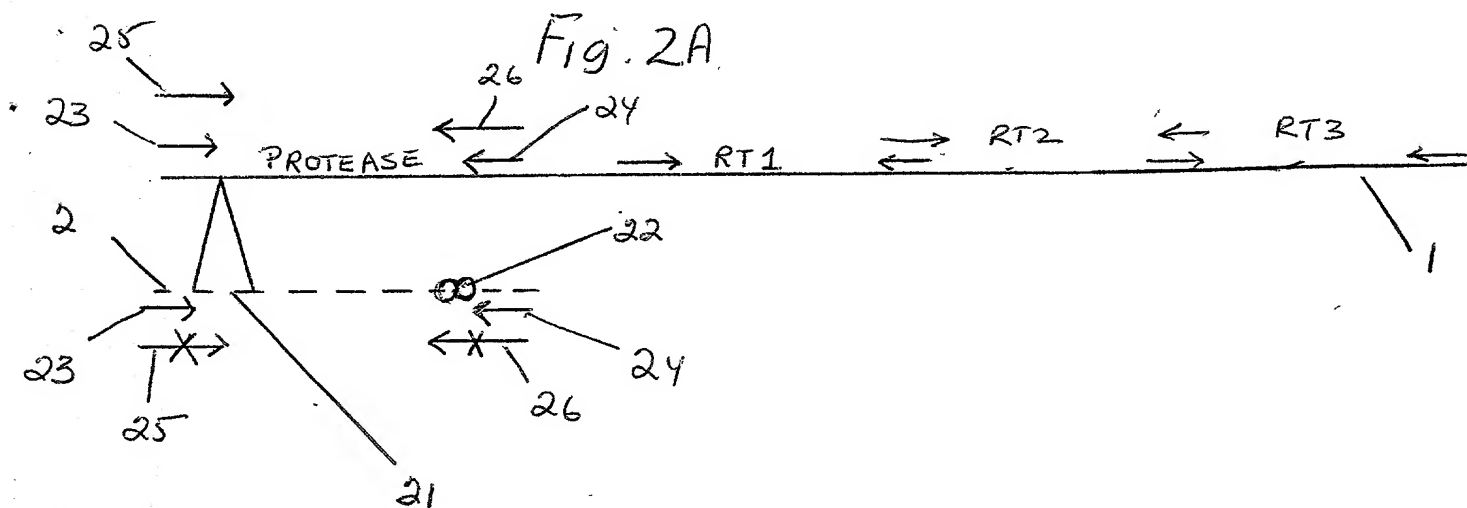
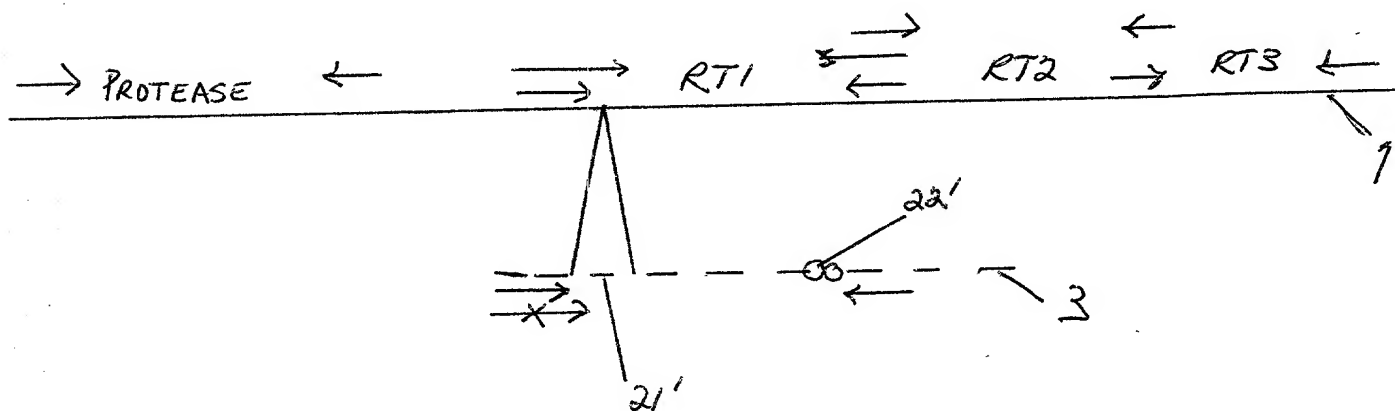


Fig 2B



10002346.000000

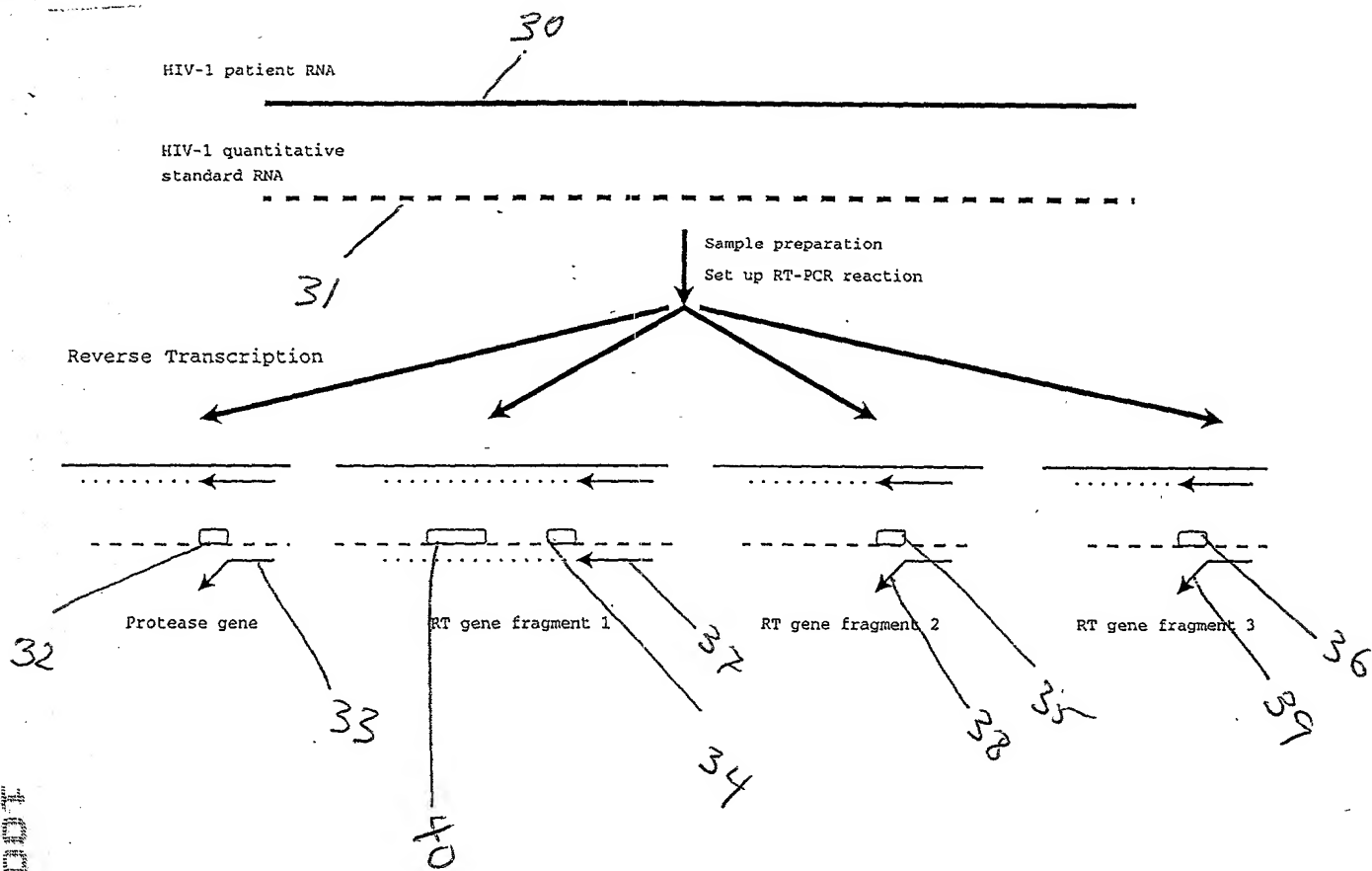


Fig 3A

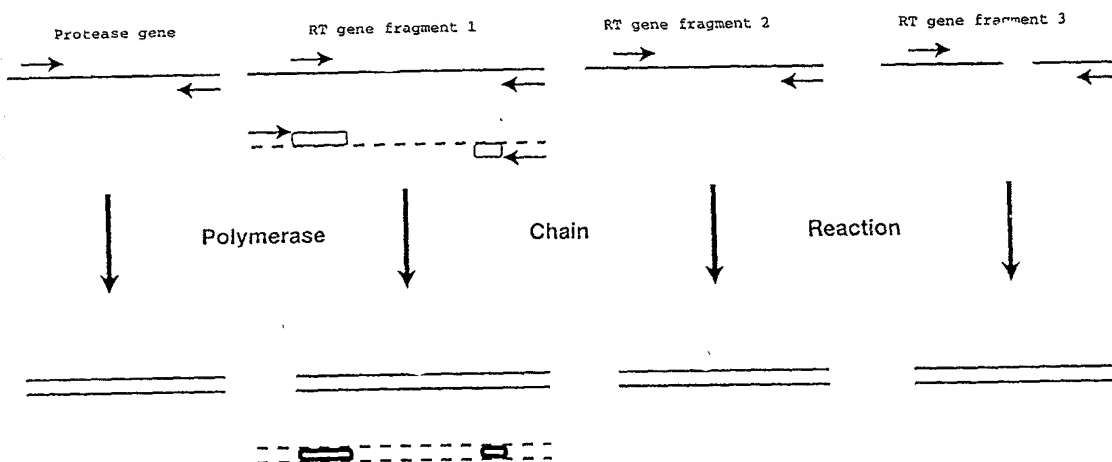
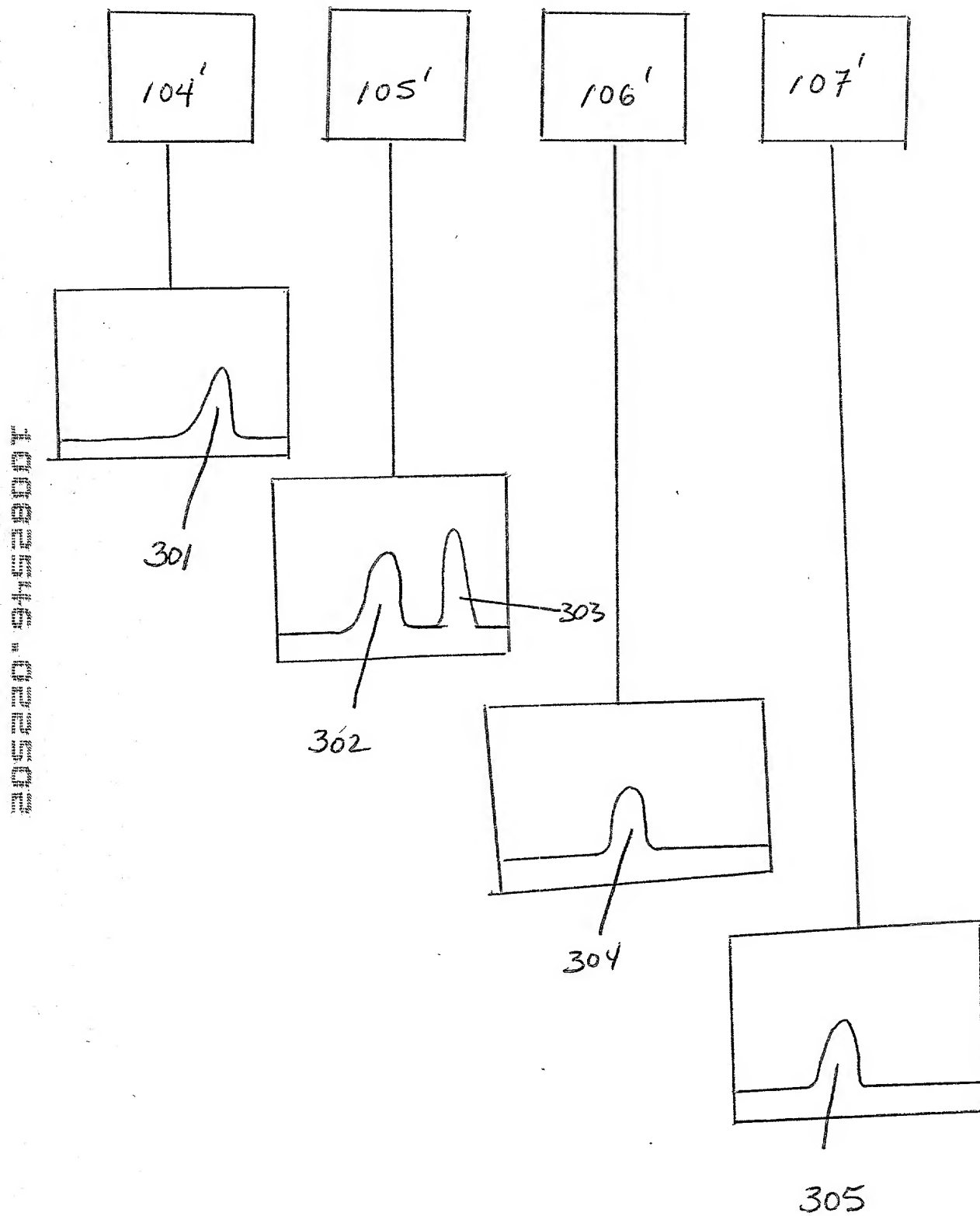


Fig 3B

Fig 3C



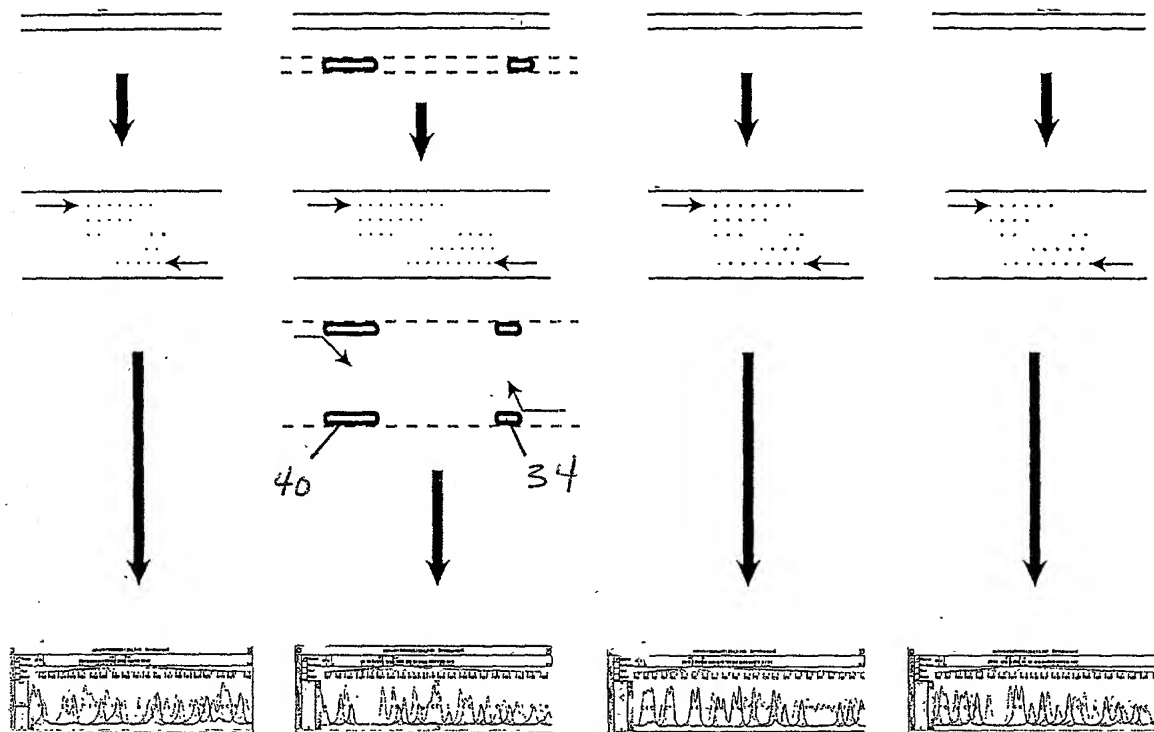


Fig 3D

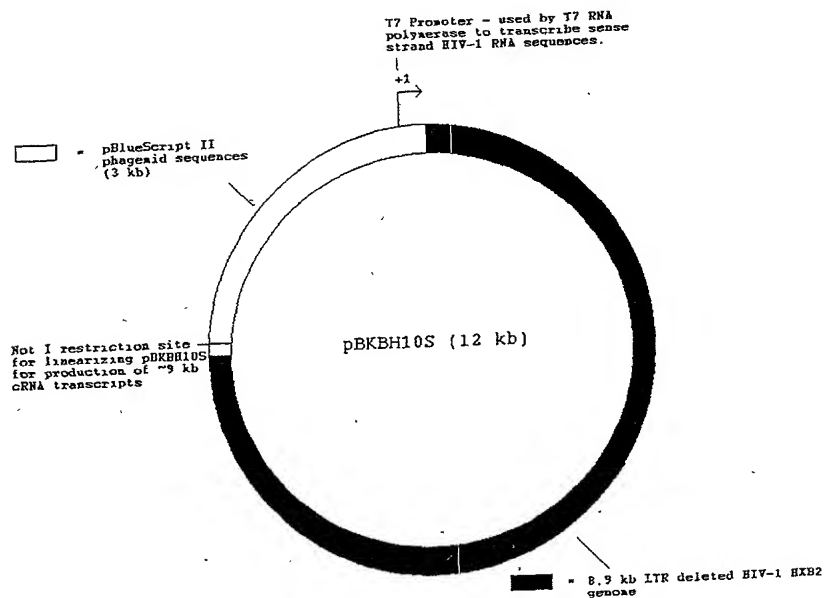


Fig 4

5' to 3' direction of HIV-1 sense sequence →

RT562F-A primer (for sequencing) →

RT558F primer (for RT-PCR) →

5' aaaagttaaacaatggccattgacag aagaaaaataaaaagcattagtagaaatttgtacagagatggaaaagga 3' base pairs
 3' ttttcaatttgttaccggttaactgtc ttcttttttatttttcgtaatcatctttaaacatgtctctaccttttct 5' 2606 to 2680

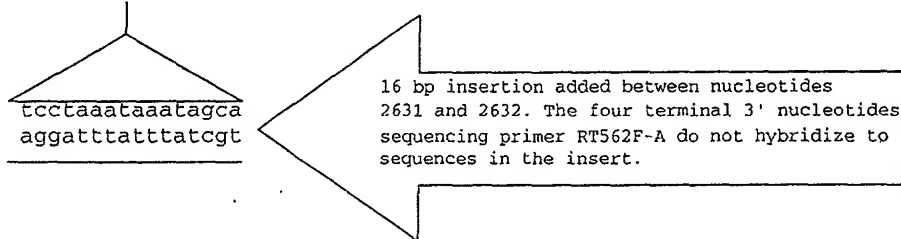


Fig 5

5' to 3' direction of HIV-1 sense sequence →

gg → cc
 cc 3007/8 gg

Mutagenesis of nucleotides 3007 and 3008 to prevent primer extension of RT959R sequencing primer

5' tcagtacaatgtgcttccacagggat gg aaaggatcaccagcaatattccaaagtagc base pairs
 3' agtcatgttacacgaaggtgtcccta cc ttctctagtggtcggttataagggtttcatcg 2981 to 3038

RT964-2-R primer (for RT-PCR) ←

RT959R primer (for sequencing) ←

Fig 6.

[illegible]

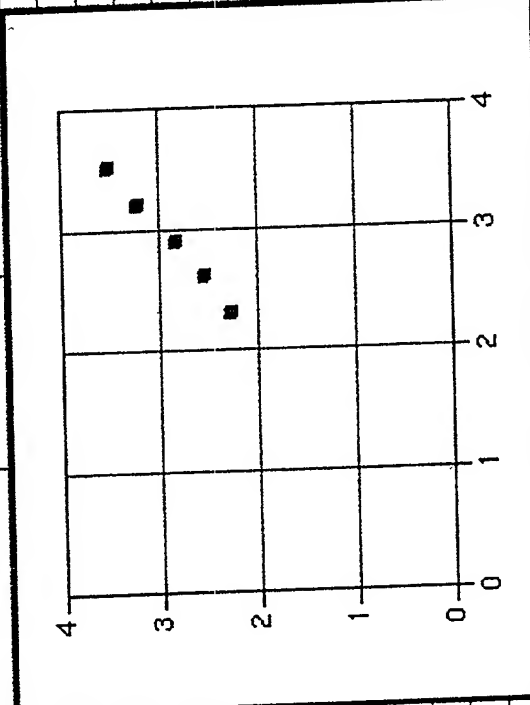
Estimated vs. Actual HIV-1 Sample Copy Number	
Log (Estimated HIV-1 sample Copy Number)	
	Log (Actual HIV-1 Sample Copy Number)
<p>Regression Statistics</p> <p>slope: 1.060760</p> <p>error of slope: 0.032348</p> <p>y-int: -0.204487</p> <p>error of y-int: 0.094912</p> <p>x mean: 2.903090</p> <p>y mean: 2.874965</p> <p>x std. dev.: 0.475971</p> <p>y std. dev.: 0.505588</p> <p>R value: 0.998612</p>	

Fig. 7.